

Serial No.: 10/089,072
Atty. Docket No.: P67777US0

IN THE ABSTRACT:

Applicant has provided herewith a replacement abstract on a separate sheet. The original abstract has been amended as follows:

--Abstract

B₁ A torque-limiting coupling device ~~comprises two~~
~~coaxial, essentially cylindrical co-acting surface (12, 22) on~~
~~two co-acting parts (10, 20) in the form of including a~~
cylindrical sleeve (20) and a cylindrical shaft (10)
~~respectively. The sleeve and the shaft are in radially tensioned~~
frictional engagement for transferring torque up to a torque
limit that corresponds to the radial tension and at which the
sleeve begins to rotate relative to the shaft. The device also
includes at least one pump mechanism ~~means (3)~~ which is adapted
to be driven to pump liquid to the interface ~~from a liquid store~~
~~to a gap (B) between the co-acting surfaces of the sleeve and~~
shaft (12, 22) upon relative rotation between the sleeve and the
shaft. ~~Means (8) are provided for leading liquid away from the~~
~~gap (8) so as to re-establish said frictional grip subsequent to~~
~~the occurrence of relative rotation between said parts. One part~~
~~(10) has a base which~~ The shaft includes a surface layer (50)
that defines one (12) of the co-acting surfaces and that is

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~~comprised~~ made of a material, e.g. tombak, whose plasticizing limit is ~~considerably~~ lower than the plasticizing limit of the material in the co-acting surface of the ~~other part (20)~~ sleeve.

B₁ The surface layer (50) ~~includes~~ may include cavities which enable the surface layer (50) to take a smaller radial thickness after plasticization ~~thereof to enable the parts (10, 20) to be relieved of radial load.--~~
